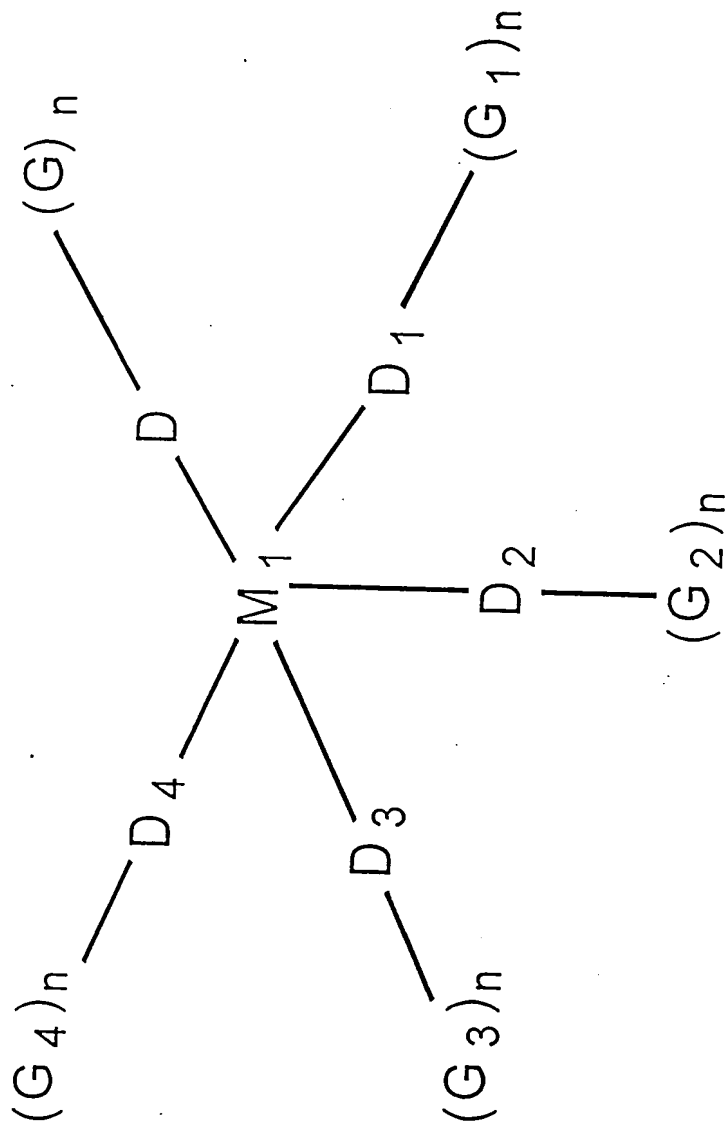


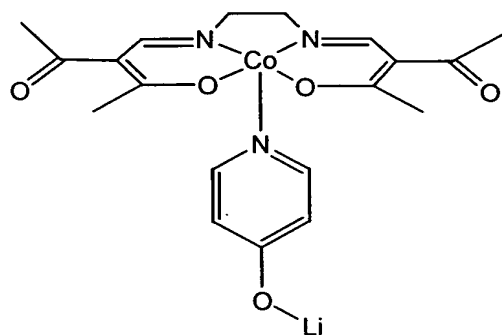
FIGURE 1

SECRET

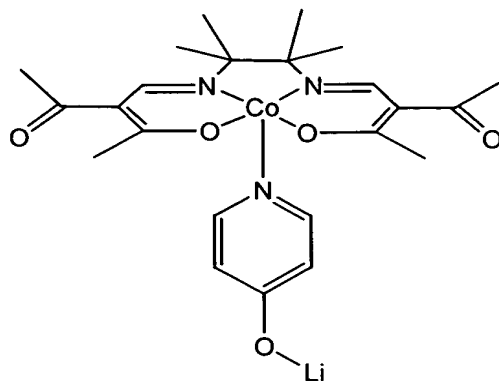


TEC

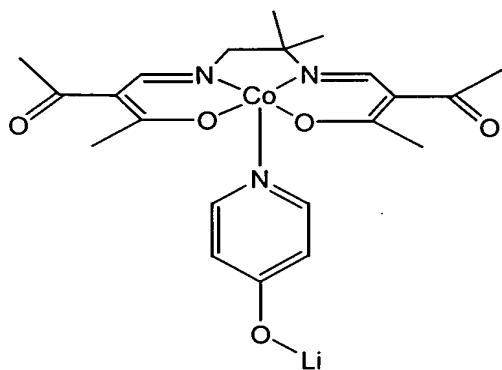
FIGURE 2



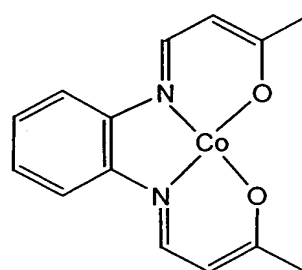
Co{Me₂Ac₂H₂malen}(4-PyOLi)



Co{Me₂Ac₂H₂maltmen}(4-PyOLi)



Co{Me₂Ac₂H₂maldmen}(4-PyOLi)



Co{Me₂H₂H₂malophen}

Figure 4

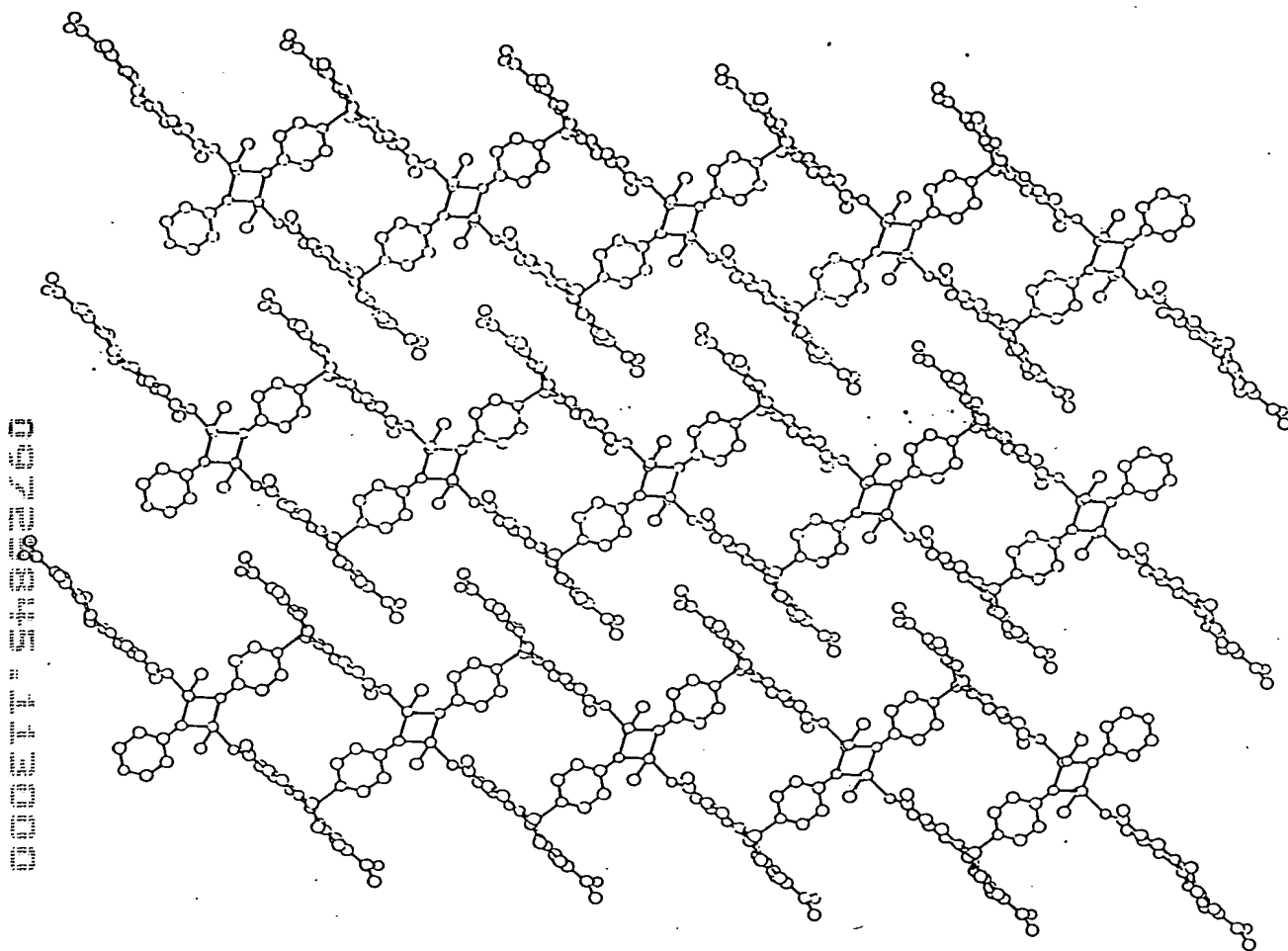


FIGURE 5 CRYSTAL STRUCTURE OF $\text{Co}(\text{Me Ac H malen})_2(4\text{-PyOLi})_2(\text{MeOH})_2$

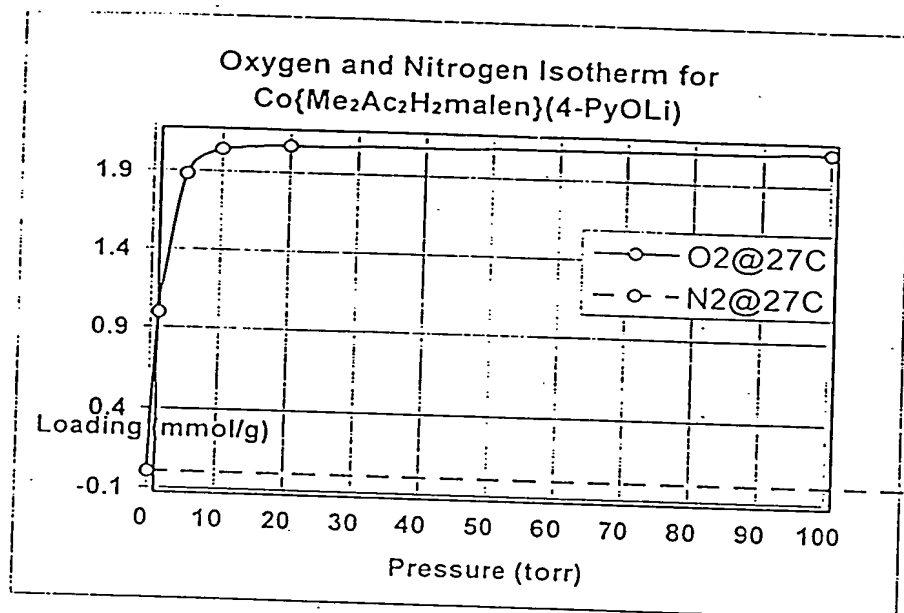


FIGURE 6 OXYGEN AND NITROGEN ISOTHERMS FOR Co{Me₂Ac₂H₂malen}(4-PyOLi)
2 2 2

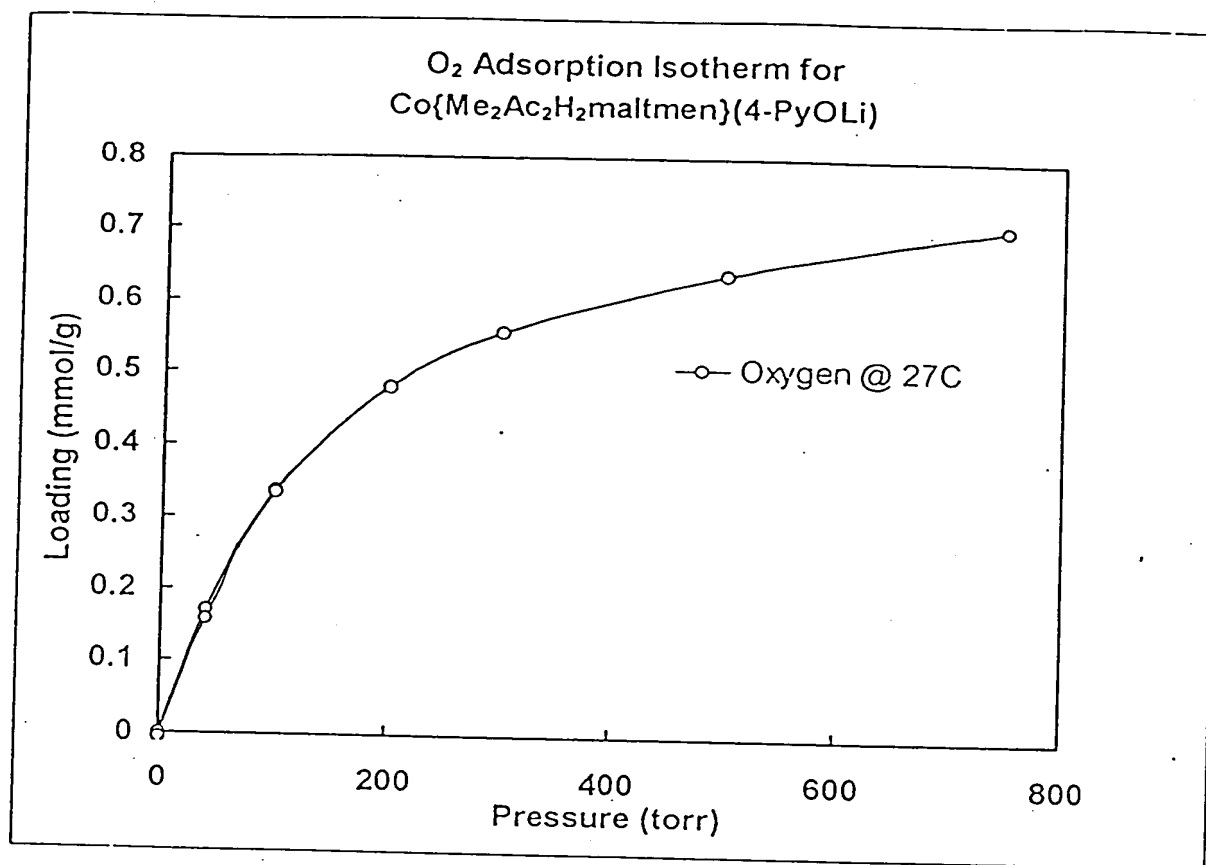


Figure 8 Oxygen Isotherm for $Co\{Me_2Ac_2H_2maltmen\}(4-PyOLi)$ at 27 °C

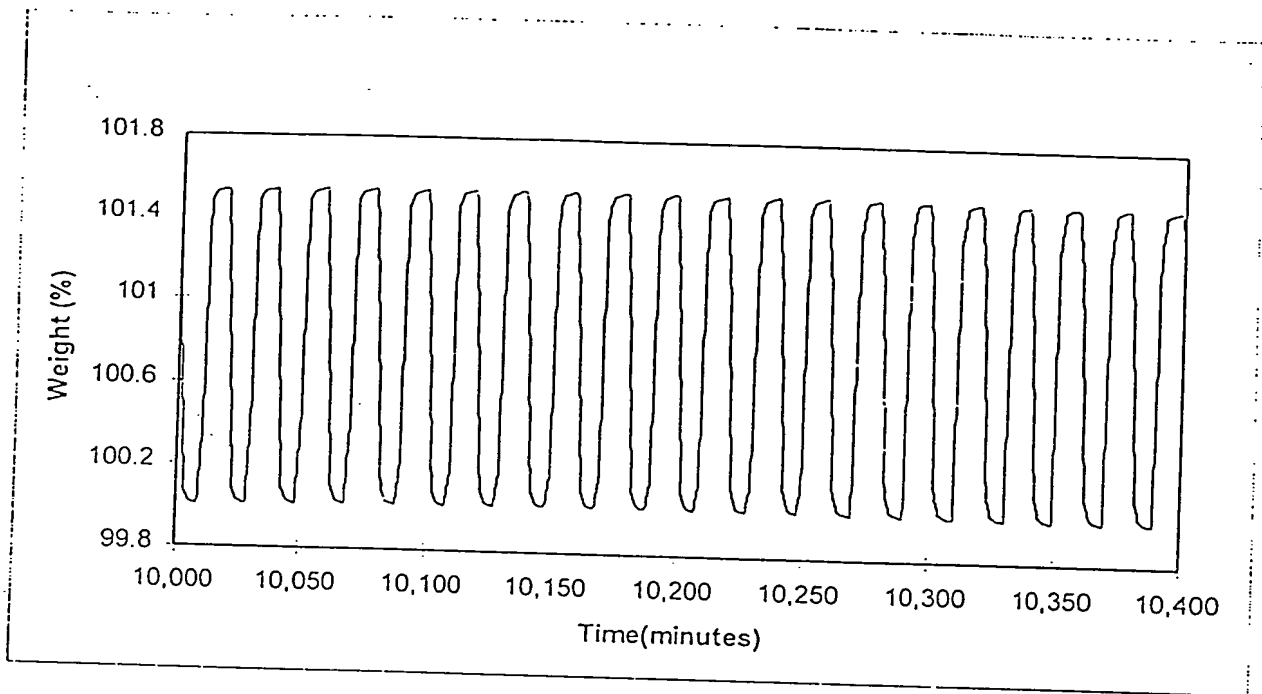


FIGURE 9

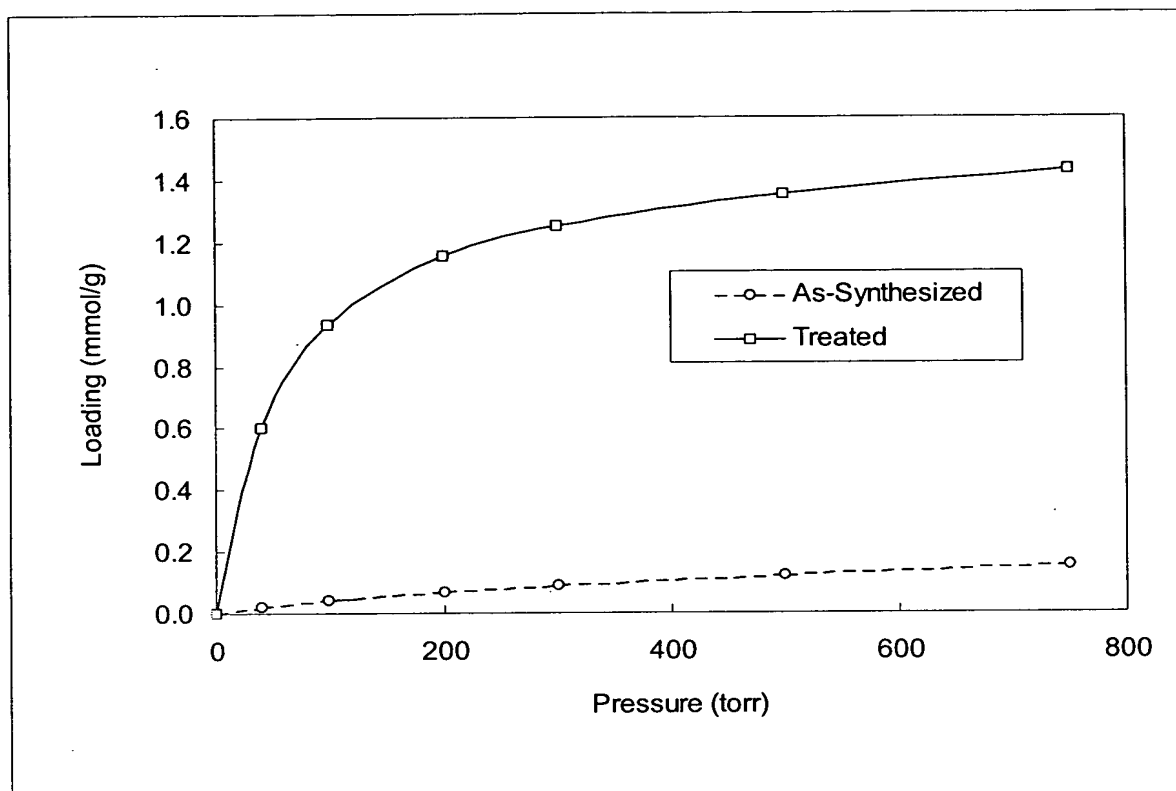


Figure 10. Oxygen Isotherms for As-synthesized and Treated $\text{Co}(\text{Me}_2\text{Ac}_2\text{H}_2\text{maltmen})(4\text{-PyOLi})$

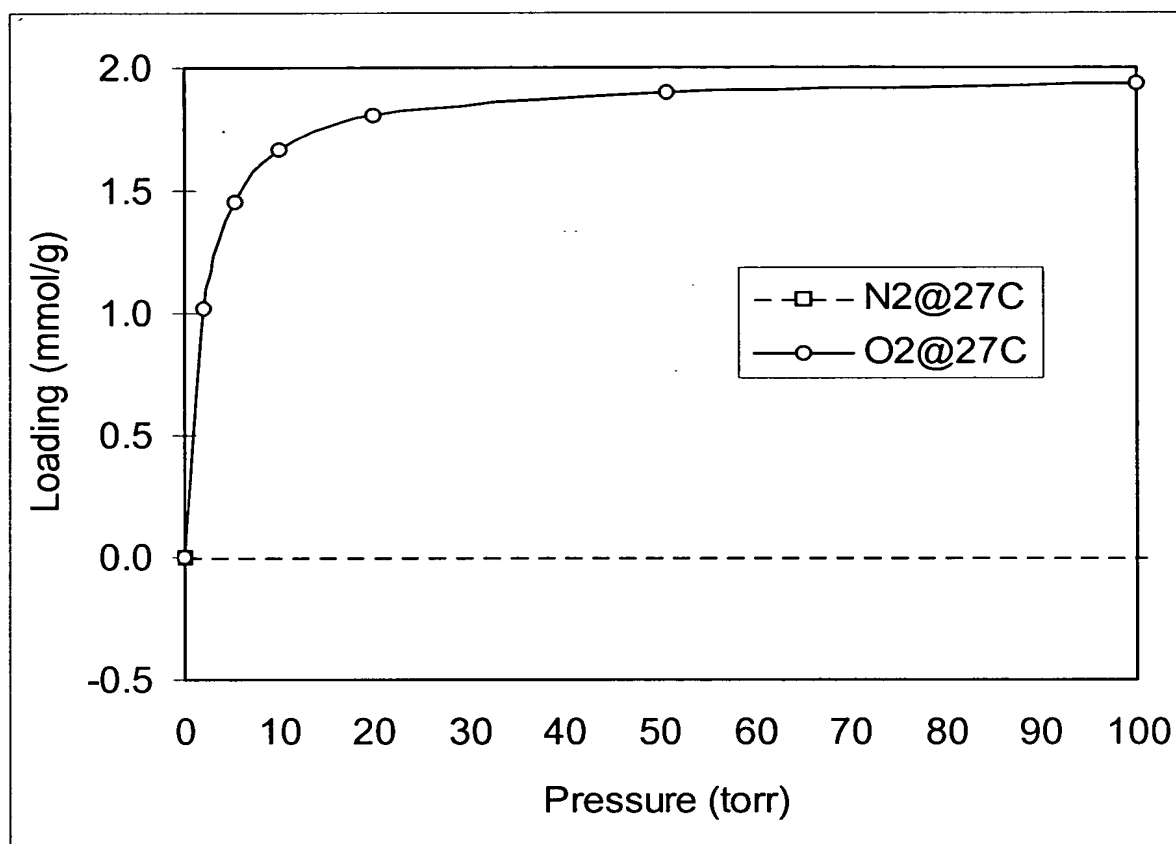


Figure 11. Oxygen and Nitrogen Isotherms for
 $\text{Co}(\text{Me}_2\text{Ac}_2\text{H}_2\text{maldmen})(4\text{-PyOLi})$